

10/589929
APG Rec'd PCT/PTO 18 AUG 2006

Serial No. Not Yet Assigned
Atty. Doc. No. 2003P15370WOUS

ABSTRACT

The invention relates to a gas turbine, comprising a turbine and a compressor provided with a compressor housing, and to a method for the operation thereof. The compressor is tapped in order to cool the turbine by means of at least one tap line for removing compressed or partially compressed air. The tap line comprises a locking device, particularly a valve, in order to regulate the outflow of tapped air and thus the cooling of the housing.